

## **STIC Biotechnology Systems Branch**

### **RAW SEQUENCE LISTING** **ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/773,440  
Source: FEWO  
Date Processed by STIC: 06/20/2005

**THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.**

**PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:**

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

**FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221**

**TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.2.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:**

**<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>**

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

- 1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)**
- 2. U.S. Postal Service:** Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
- 3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):**  
U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/24/05

## Raw Sequence Listing Error Summary

### ERROR DETECTED

### SUGGESTED CORRECTION

SERIAL NUMBER:

10/773,440

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1      Wrapped Nucleics    The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor **after** creating it. Please adjust your right margin to .3; this will prevent "wrapping."
- 1      Wrapped Aminos
- 2      Invalid Line Length    The rules require that a line **not exceed** 72 characters in length. This includes white spaces.
- 3      Misaligned Amino    The numbering under each 5<sup>th</sup> amino acid is misaligned. Do **not** use tab codes between numbers; use **space characters**, instead.
- 3      Numbering
- 4      Non-ASCII    The submitted file was **not** saved in ASCII(DOS) text, as **required** by the Sequence Rules. Please ensure your subsequent submission is saved in **ASCII text**.
- 5      Variable Length    Sequence(s)      contain n's or Xaa's representing more than one residue. **Per Sequence Rules, each n or Xaa can only represent a single residue.** Please present the **maximum** number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
- 6      PatentIn 2.0    A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s)     . Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. **This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.**
- 6      "bug"
- 7      Skipped Sequences    Sequence(s)      missing. If intentional, please insert the following lines for **each** skipped sequence:  
(OLD RULES)    (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)  
(i)    SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)  
(xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)  
This sequence is intentionally skipped  
  
Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to **include** the skipped sequences.
- 8      Skipped Sequences    Sequence(s)      missing. If **intentional**, please insert the following lines for **each** skipped sequence.  
(NEW RULES)    <210> sequence id number  
<400> sequence id number  
000
- 9      Use of n's or Xaa's    Use of n's and/or Xaa's have been detected in the Sequence Listing.  
(NEW RULES)    Per 1.823 of Sequence Rules, use of <220>-<223> is **MANDATORY** if n's or Xaa's are present.  
In <220> to <223> section, please explain location of **n** or **Xaa**, and which residue **n** or **Xaa** represents.
- 10      Invalid <213>    Per 1.823 of Sequence Rules, the only **valid** <213> responses are: Unknown, Artificial Sequence, or  
Response    scientific name (Genus/species). <220>-<223> section is **required** when <213> response is Unknown or is Artificial Sequence
- 11      Use of <220>    Sequence(s)      missing the <220> "Feature" and associated numeric identifiers and responses.  
Use of <220> to <223> is **MANDATORY** if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.  
(See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
- 12      PatentIn 2.0    Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file,  
"bug"    resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.
- 13      Misuse of n/Xaa    "n" can only represent a single nucleotide; "Xaa" can only represent a single amino acid



IFWO

## RAW SEQUENCE LISTING

DATE: 06/20/2005

PATENT APPLICATION: US/10/773,440

TIME: 09:51:42

Input Set : A:\Sequence Listing ASCII, Docket No. 1619.0180001.ST25.txt

Output Set: N:\CRF4\06202005\J773440.raw

3 <110> APPLICANT: Fradet, Yves  
 4 Chypre, Camille  
 5 Piche, Lyson  
 6 Garon, Genevieve  
 8 <120> TITLE OF INVENTION: METHOD TO DETECT PROSTATE CANCER IN A SAMPLE  
 10 <130> FILE REFERENCE: 1619.0180001/JAG/CMB  
 C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/773,440  
 C--> 12 <141> CURRENT FILING DATE: 2004-02-09  
 12 <150> PRIOR APPLICATION NUMBER: US 60/445,436  
 13 <151> PRIOR FILING DATE: 2003-02-07  
 15 <160> NUMBER OF SEQ ID NOS: 13  
 17 <170> SOFTWARE: PatentIn version 3.2  
 19 <210> SEQ ID NO: 1  
 20 <211> LENGTH: 47  
 21 <212> TYPE: DNA  
 22 <213> ORGANISM: Homo sapiens  
 24 <400> SEQUENCE: 1  
 25 aattctaata cgactcacta tagggaggat gaaacaggct gtgccga 47  
 28 <210> SEQ ID NO: 2  
 29 <211> LENGTH: 20  
 30 <212> TYPE: DNA  
 31 <213> ORGANISM: Homo sapiens  
 33 <400> SEQUENCE: 2 20  
 34 agcattccca accctggcag  
 37 <210> SEQ ID NO: 3  
 38 <211> LENGTH: 45  
 39 <212> TYPE: DNA  
 40 <213> ORGANISM: Homo sapiens  
 42 <400> SEQUENCE: 3 45  
 43 aattctaata cgactcacta tagggcctgc ccataccttta aggaa  
 46 <210> SEQ ID NO: 4  
 47 <211> LENGTH: 20  
 48 <212> TYPE: DNA  
 49 <213> ORGANISM: Homo sapiens  
 51 <400> SEQUENCE: 4 20  
 52 caggaagcac aaaaggaagc  
 55 <210> SEQ ID NO: 5  
 56 <211> LENGTH: 26  
 57 <212> TYPE: DNA  
 58 <213> ORGANISM: Homo sapiens  
 61 <220> FEATURE:  
 62 <221> NAME/KEY: misc\_feature  
 63 <222> LOCATION: (1)..(1)

Does Not Comply  
Corrected Diskette Needed

(pg-2)

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Input Set : A:\Sequence Listing ASCII, Docket No. 1619.0180001.ST25.txt

Output Set: N:\CRF4\06202005\J773440.raw

64 <223> OTHER INFORMATION: n = ROX → Invalid Response  
 66 <220> FEATURE:  
 67 <221> NAME/KEY: misc\_feature  
 68 <222> LOCATION: (26)..(26)  
 69 <223> OTHER INFORMATION: n = DABCYL → Same Error  
 71 <400> SEQUENCE: 5

W--> 72 nccccgtctg cgccggtgtt ctgggn  
 75 <210> SEQ ID NO: 6  
 76 <211> LENGTH: 30  
 77 <212> TYPE: DNA  
 78 <213> ORGANISM: Homo sapiens  
 81 <220> FEATURE:  
 82 <221> NAME/KEY: misc\_feature  
 83 <222> LOCATION: (1)..(1)  
 84 <223> OTHER INFORMATION: n = FAM → Same Error  
 86 <220> FEATURE:  
 87 <221> NAME/KEY: misc\_feature  
 88 <222> LOCATION: (30)..(30)  
 89 <223> OTHER INFORMATION: n = DABCYL  
 91 <400> SEQUENCE: 6

W--> 92 ncgcttgta gggaggaca ttagaagcgn  
 95 <210> SEQ ID NO: 7  
 96 <211> LENGTH: 506  
 97 <212> TYPE: DNA  
 98 <213> ORGANISM: Homo sapiens  
 100 <400> SEQUENCE: 7

101 caggaagcac aaaaggaagc acagaggtaa gtgctttata aagcactcaa tttctactca	60
103 gaaatttttg atggccttaa gttcctctac tcgtttctat ccttcctact cactgtcctc	120
105 ccggaatcca ctaccgattt tctatttctt gcctcgattt gtctgactgg ctcaattgga	180
107 tttatcctca cggagctctg attttctacc cgggctcacc tccgtccctc catatttgtc	240
109 ctccactttc acagatccct gggagaaatg cccggccgcc atcttgggtc atcgatgagc	300
111 ctcgccctgt gcttggtccc gcttggtgagg gaaggacatt agaaaatgaa ttgatgtgtt	360
113 ccttaaagga tgggcaggaa aacagatcct gttgtggata tttatttgaa cgggattaca	420
115 gatttgaaat gaagtcacca aagtgagcat taccaatgag aggaaaacag acgagaaaaa	480
117 cttgatggct tcacaagaca tgcaac	506
120 <210> SEQ ID NO: 8	
121 <211> LENGTH: 278	
122 <212> TYPE: DNA	
123 <213> ORGANISM: Homo sapiens	
125 <400> SEQUENCE: 8	
126 caggaagcac aaaaggaagc acagagatcc ctgggagaaa tgcccggccg ccatcttggg	60
128 tcatcgatga gcctgcctt gtgcctggtc ccgcttgta gggaggaca ttagaaaatg	120
130 aattgatgtg ttccttaaag gatgggcagg aaaacagatc ctgttggtga tatttatttg	180
132 aacgggatta cagatttgaa atgaagtcac caaagtgagc attaccaatg agaggaaaac	240
134 agacgagaaa atcttgatgg cttcacaaga catgcaac	278
137 <210> SEQ ID NO: 9	
138 <211> LENGTH: 2036	
139 <212> TYPE: DNA	
140 <213> ORGANISM: Homo sapiens	

"n" can only represent a single Nucleotide to see Item # 13 of Error Summary Sheet

The type of errors shown exist throughout the Sequence Listing. Please check subsequent sequences for similar errors.

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Input Set : A:\Sequence Listing ASCII, Docket No. 1619.0180001.ST25.txt

Output Set: N:\CRF4\06202005\J773440.raw

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143 <220> FEATURE:
144 <221> NAME/KEY: misc_feature
145 <222> LOCATION: (1472)..(1472) ✓
146 <223> OTHER INFORMATION: n is a, c, g, or t
148 <220> FEATURE:
149 <221> NAME/KEY: misc_feature
150 <222> LOCATION: (1517)..(1517) ✓
151 <223> OTHER INFORMATION: n is a, c, g, or t
153 <220> FEATURE:
154 <221> NAME/KEY: misc_feature ✓
155 <222> LOCATION: (1563)..(1563) ✓
156 <223> OTHER INFORMATION: n is a, c, g, or t
158 <400> SEQUENCE: 9
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161 gaagatctgc atggtgggaa ggacctgatg atacagagga attacaacac atatacttag 120
163 tgtttcaatg aacaccaaga taaataagtg aagagctagt ccgctgtgag tctcctcagt 180
165 gacacagggc tggatcacca tcgacggcac tttctgagta ctgagtgcag caaagaaaga 240
167 ctacagacat ctcaatggca ggggtgagaa ataagaaagg ctgctgactt taccatctga 300
169 ggccacacat ctgctgaaat ggagataatt aacatcacta gaaacagcaa gatgacaata 360
171 taatgtctaa gtagtgacat gtttttgcac atttccagcc cctttaaata tccacacaca 420
173 caggaagcac aaaaggaagc acagagatcc ctgggagaaa tgcccggccg ccatcttggg 480
175 tcatcgatga gcctcgccct gtgcctggtc ccgcttgtga gggaaggaca ttagaaaatg 540
177 aattgatgtg ttccttaaag gatgggcagg aaaacagatc ctgttgtgga tattttattt 600
179 aacgggatta cagatttgaa atgaagtcac aaagtgcagc ttaccaatga gaggaaaaca 660
181 gacgagaaaa tcttgatggc ttcacaagac atgcaacaaa caaaatggaa tactgtgatg 720
183 acatgaggca gccaaagctg ggaggagata accacggggc agagggtcag gattctggcc 780
185 ctgctgccta aactgtgcgt tcataaccaa atcatttcat atttctaacc ctcaaaacaa 840
187 agctgttgta atatctgatc tctacggttc cttctgggcc caacattctc catatatcca 900
189 gccacactca tttttaatat ttagttccca gatctgtact gtgaccttc tacactgtag 960
191 aataacatta ctcattttgt tcaaagacct ttcgtgttgc tgcctaatat gtagctgact 1020
193 gtttttccta aggagtgttc tggcccaggg gatctgtgaa caggctggga agcatctcaa 1080
195 gatctttcca gggttatact tactagcaca cagcatgatc attacggagt gaattatcta 1140
197 atcaacatca tctcagtggt ctttgcccat actgaaattc atttcccact tttgtgccca 1200
199 ttctcaagac ctcaaaatgt cattccatta atatcacagg attaactttt ttttttaacc 1260
201 tggaagaatt caatgttaca tgcagctatg ggaatttaat tacatatattt gttttccagt 1320
203 gcaaagatga ctaagtcctt tatccctccc ctttgtttga ttttttttcc agtataaagt 1380
205 taaaatgctt agcctgttac tgaggctgta tacagcacag cctctcccca tccctccagc 1440
W--> 207 cttatctgtc atcaccatca acccctccca tnysacctaa acaaaatcta acttgtaatt 1500
209 ccttgaacat gtcaggncat acattrttcc ttctgcctga gaagctcttc cttgtctctt 1560
211 aantctagaa tgatgtaaag ttttgaataa gttgactatc ttacttcatg caaagaaggg 1620
213 acacatatga gattcatcat ccatgagaca gcaaatacta aaagtgtaat ttgattataa 1680
215 gagtttagat aaatatatga aatgcaagak ccacagaggg aatgtttatg gggcacgttt 1740
217 gtaagcctgg gatgtgaagm aaaggcaggg aacctcatag tatcttatat aatatacttc 1800
219 atttctctat ctctatcaca atatccaaca agcttttcac agaattcatg cagtgc aaat 1860
221 ccccaaaggc aacctttatc catttcatgg tgagtgcgct ttagaatttt ggcaaatacat 1920
223 actggtcact tatctcaact ttgagatgtg tttgtccttg tagttaattg aaagaaatag 1980
225 ggcactcttg tgagccactt taggggttcac tcctggcaat aaagaattta caaaga 2036
228 <210> SEQ ID NO: 10
229 <211> LENGTH: 3582

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Input Set : A:\Sequence Listing ASCII, Docket No. 1619.0180001.ST25.txt

Output Set: N:\CRF4\06202005\J773440.raw

230 &lt;212&gt; TYPE: DNA

231 &lt;213&gt; ORGANISM: Homo sapiens

233 &lt;400&gt; SEQUENCE: 10

234	acagaagaaa	tagcaagtgc	cgagaagctg	gcatcagaaa	aacagagggg	agatttgtgt	60
236	ggctgcagcc	gagggagacc	aggaagatct	gcatgggtgg	aaggacctga	tgatacagag	120
238	gaattacaac	acataacttt	agtgtttcaa	tgaacaccaa	gataaataag	tgaagagcta	180
240	gtccgctgtg	agtctcctca	gtgacacagg	gctggatcac	catcgacggc	actttctgag	240
242	tactcagtgc	agcaaagaaa	gactacagac	atctcaatgg	caggggtgag	aaataagaaa	300
244	ggctgctgac	tttaccatct	gaggccacac	atctgctgaa	atggagataa	ttaacatcac	360
246	tagaaacagc	aagatgacaa	tataatgtct	aagtagtgac	atgtttttgc	acatttccag	420
248	cccctttaaa	tatccacaca	cacaggaagc	acaaaaggaa	gcacagagat	ccctgggaga	480
250	aatgcccggc	cgccatcttg	ggcatcgcgt	gagcctcgcc	ctgtgcctgg	tcccgcctgt	540
252	gaggggaagga	cattagaaaa	tgaattgatg	tgttccttaa	aggatgggca	ggaaaacaga	600
254	tcctgttgtg	gatattttatt	tgaacgggat	tacagatttg	aaatgaagtc	acaaagtgag	660
256	cattaccaat	gagaggaaaa	cagacgagaa	aatcttgatg	gcttcacaag	acatgcaaca	720
258	aacaaaatgg	aatactgtga	tgacatgagg	cagccaagct	ggggaggaga	taaccacggg	780
260	gcagagggtc	aggattctgg	ccctgctgcc	taaactgtgc	gttcataacc	aatcattttc	840
262	atattttctaa	ccctcaaaac	aaagctgttg	taatatctga	tctctacggg	tccttctggg	900
264	cccaacattc	tccatataatc	cagccacact	catttttaaat	atttagttcc	cagatctgta	960
266	ctgtgacctt	tctacactgt	agaataacat	tactcatttt	gttcaaagac	ccttcgtgtt	1020
268	gctgcctaatt	atgtagctga	ctgttttttcc	taaggagtgt	tctggcccag	gggactctgt	1080
270	aacaggctgg	gaagcatctc	aagatcctttc	cagggttata	cttactagca	cacagcagta	1140
272	tcattacgga	gtgaattatc	taatcaacat	catcctcagt	gtctttgccc	atactgaaat	1200
274	tcattttccca	cttttgtgcc	cattctcaag	acctcaaaat	gtcattccat	taatatcaca	1260
276	ggattaactt	tttttttttaa	cctggaagaa	ttcaatgtta	catgcagcta	tgggaattta	1320
278	attacatatt	ttgtttttcca	gtgcaaagat	gactaagtcc	tttatccctc	ccctttgttt	1380
280	gattttttttt	ccagtataaa	gttaaaatgc	ttagccttgt	actgaggctg	tatacagcac	1440
282	agcctctccc	catccctcca	gccttatctg	tcatcaccat	caaccctccc	cataccacct	1500
284	aaacaaaatc	taacttgtaa	ttccttgaac	atgtcaggac	atacattatt	ccttctgcct	1560
286	gagaagctct	tccttgtctc	ttaaactctag	aatgatgtaa	agttttgaat	aagttgacta	1620
288	tcttacttca	tgcaaagaag	ggacacatat	gagattcatc	atcacatgag	acagcaaata	1680
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296	cacagaattc	atgcagtgca	aatccccaaa	ggtaaccttt	atccatttca	tgggtagtg	1920
298	gctttagaat	tttggaat	catactggtc	acttatctca	actttgagat	gtgtttgtcc	1980
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304	gtgtgtgtgt	gagtgtacat	gccaaagtgt	gcctctctct	cttgacccat	tatttcagac	2160
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310	ttcacaaaag	cagctggaaa	tggacaacca	caatatgcat	aaatctaact	cctaccatca	2340
312	gctacacact	gcttgacata	tattgttaga	agcacctcgc	atttgtgggt	tctcttaagc	2400
314	aaaataacttg	cattaggtct	cagctggggc	tgtgcatcag	gcggtttgag	aaatattcaa	2460
316	ttctcagcag	aagccagaat	ttgaattccc	tcatctttta	ggaatcattt	accaggtttg	2520
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324	ctgggtcaaaa	ggaaccaaga	tacaaagaac	tctgagctgt	catcgtcccc	atctctgtga	2760

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Input Set : A:\Sequence Listing ASCII, Docket No. 1619.0180001.ST25.txt

Output Set: N:\CRF4\06202005\J773440.raw

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326 gccacaacca acagcaggac ccaacgcatg tctgagatcc ttaaatacaag gaaaccagtg 2820
328 tcatgagttg aattctccta ttatggatgc tagcttctgg ccattctctg ctctcctctt 2880
330 gacacatatt agcttctagc ctttgcttcc acgactttta tcttttctcc aacacatcgc 2940
332 ttaccaatcc tctctctgct ctgttgcttt ggacttcccc acaagaattt caacgactct 3000
334 caagtctttt cttccatccc caccactaac ctgaattgcc tagaccctta tttttattaa 3060
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350 acttgctgaa aattaagttt tttcaaaatc tgtccttgta aattactttt tcttacagtg 3540
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356 <211> LENGTH: 7130
357 <212> TYPE: DNA
358 <213> ORGANISM: Homo sapiens
360 <400> SEQUENCE: 11
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365 tatctgtgga gctggattct gggttgggag tgcaaggaaa agaatgtact aaatgccaag 180
367 acatctattt caggagcatg aggaataaaa gttctagttt ctggtctcag agtgggtcag 240
369 ggatcagggg gtctcacaaat ctctgagtgt ctggtgtctt agggcacact gggctcttga 300
371 gtgcaaagga tctaggcacg tgaggctttg tatgaagaat cggggatcgt acccaccctc 360
373 tgtttctgtt tcatcctggg catgtctcct ctgcctttgt cccctagatg aagtctccat 420
375 gagctacaag ggctgtgtgc atccagggtg atctagtaat tgcagaacag caagtgtctg 480
377 ctctccctcc ccttccacag ctctgggtgt gggagggggg tgtccagcct ccagcagcat 540
379 ggggagggcc ttggtcagcc tctgggtgcc agcagggcag gggcggagtc ctggggaatg 600
381 aaggttttat agggctcctg ggggaggctc cccagcccca agcttaccac ctgcaccctg 660
383 agagctgtgt caccatgtgg gtcccggttg tcttcctcac cctgtccgtg acgtggattg 720
385 gtgagagggg ccattggttg ggggatgcag gagagggagc cagccctgac tgtcaagctg 780
387 aggtcttttc cccccaacc cagcacccca gccagacag ggagctgggc tcttttctgt 840
389 ctctcccagc cccacttcaa gccataccc ccagccctc catattgcaa cagtccctac 900
391 tcccacacca ggtccccgt cctcccact taccacagaa ctttctcccc attgccagc 960
393 cagctccctg ctcccagctg ctttactaaa ggggaagtgc ctgggcatct ccgtgtttct 1020
395 ctttgtgggg ctcaaaacct ccaaggacct ctctcaatgc cattggttcc ttggaccgta 1080
397 tcactggctc atctcctgag cccctcaatc ctatcacagt ctactgactt ttcccattca 1140
399 gctgtgagtg tccaacccta tcccagagac cttgatgctt ggccctccaa tcttgcccta 1200
401 ggataccag atgccaacca gacacctcct tcttcctagc caggctatct ggctgagac 1260
403 aacaaatggg tccctcagtc tggcaatggg actctgagaa ctctcattc cctgactctt 1320
405 agccccagac tcttcattca gtggcccaca ttttcttag gaaaaacatg agcatcccca 1380
407 gccacaactg ccagctctct gattcccca atctgcatcc ttttcaaaac ctaaaaacaa 1440
409 aaagaaaaac aaataaaaca aaaccaactc agaccagaac tgttttctca acctgggact 1500
411 tcctaaactt tccaaaacct tcctcttcca gcaactgaac ctggccataa ggcacttatc 1560
413 cctggttcct agcaccctt atcccctcag aatccacaac ttgtaccaag tttcccttct 1620
415 ccagctccaa gaccccaaat caccacaaag gacccaatcc ccagactcaa gatatggctt 1680
417 gggcgctgtc ttgtgtctcc taccctgatc cctgggttca actctgctcc cagagcatga 1740
419 agcctctcca ccagcaccag ccaccaacct gcaaacctag ggaagattga cagaattccc 1800

```

## RAW SEQUENCE LISTING ERROR SUMMARY

DATE: 06/20/2005

PATENT APPLICATION: US/10/773,440

TIME: 09:51:43

Input Set : A:\Sequence Listing ASCII, Docket No. 1619.0180001.ST25.txt

Output Set: N:\CRF4\06202005\J773440.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:5; N Pos. 1, 26

Seq#:6; N Pos. 1, 30

Seq#:9; N Pos. 1472, 1517, 1563



**VERIFICATION SUMMARY**

DATE: 06/20/2005

PATENT APPLICATION: US/10/773,440

TIME: 09:51:43

Input Set : A:\Sequence Listing ASCII, Docket No. 1619.0180001.ST25.txt

Output Set: N:\CRF4\06202005\J773440.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application No

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:72 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0

L:92 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0

L:207 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:1440

M:341 Repeated in SeqNo=9